

IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) An implantable telemetry system comprising:
an implantable medical device including an electronic circuit;
an implantable near field antenna connected to the electronic circuit for conducting inductively coupled wireless communication from the implantable medical device; and
an implantable far field antenna connected to the electronic circuit for conducting long range radio frequency (RF) wireless communication from the implantable medical device according to a duty cycle, and wherein a time of the duty cycle is determined based on a signal received by the near field antenna.
2. (Previously Presented) The system of claim 1, wherein the electronic circuit comprises a cardiac rhythm management device.
3. (Previously Presented) The system of claim 1, wherein the near field antenna comprises a coil.
4. (Previously Presented) The system of claim 1, wherein the far field antenna comprises a dipole antenna.
5. (Previously Presented) The system of claim 1, wherein the far field antenna comprises a monopole antenna.
6. (Previously Presented) The system of claim 1, wherein the far field antenna comprises a conductor of a therapy lead.
7. (Previously Presented) The system of claim 1, wherein the far field antenna comprises a circumferential antenna.

8. (Previously Presented) The system of claim 1, wherein the electronic circuit comprises a programmable therapy circuit.

9. (Previously Presented) The system of claim 1, wherein the electronic circuit comprises a patient monitoring circuit.

10. (Previously Presented) The system of claim 1, wherein the electronic circuit comprises a diagnostic circuit.

11. (Previously Presented) The system of claim 1, wherein the electronic circuit comprises an RF transmitter, an RF receiver, or an RF transceiver.

12. (Original) The system of claim 1, further comprising a programmer for wirelessly communicating with the implantable medical device.

13. (Original) The system of claim 12, further comprising an external coil connected to the programmer.

14. (Original) The system of claim 12, further comprising an RF antenna connected to the programmer.

15. (Original) The system of claim 12, further comprising a set of instructions adapted for execution by the programmer for receiving a signal from the implantable medical device.

16. (Original) The system of claim 12, further comprising a set of instructions adapted for execution by the programmer for transmitting a signal to the implantable medical device.

17. (Previously Presented) A method for programming an implantable device, comprising the acts of:

coupling a plurality of wireless transmitters and a near field receiver of an implantable medical device to a circuit of the device;

configuring at least one wireless transmitter to operate according to a duty cycle; and

programming the device to select one or more of the plurality of wireless transmitters for transmitting an outbound signal based on an inbound signal received using the near field receiver, and to determine a time of the duty cycle based on the inbound signal.

18. (Previously Presented) The method of claim 17 wherein the act of programming the device to select one or more of the plurality of wireless transmitters comprises programming the device to select a transmitter having an inductively coupled antenna.

19. (Previously Presented) The method of claim 17 wherein the act of programming the device to select one or more of the plurality of wireless transmitters comprises programming the device to select a transmitter having a far field radiation antenna.

20. (Previously Presented) The method of claim 17, further comprising the act of providing a receiver adapted to receive the outbound signal at a far field distance from the implantable medical device.

21. (Previously Presented) The method of claim 17 wherein the act of programming the device to select one or more of the plurality of wireless transmitters for transmitting an outbound signal includes programming the device to deselect a far field radio frequency (RF) transmitter of the plurality of wireless transmitters.

22. (Previously Presented) The method of claim 17 wherein the act of coupling a plurality of wireless transmitters comprises coupling a transmitter adapted for propagating an RF signal.

23. (Previously Presented) The method of claim 17, further comprising the act of providing circuitry for receiving physiological data at the implantable medical device.

24. (Previously Presented) The method of claim 17, further comprising the act of providing circuitry for receiving an operational parameter at the implantable medical device.

25-27. (Canceled)

28. (Previously Presented) The method of claim 17, further comprising the act of providing programming to operate the implantable medical device based on data encoded in the inbound signal.

29-35. (Canceled)

36. (Currently Amended) A method of operating an implantable telemetry system, comprising ~~[[that]]~~the acts of:

receiving at the implantable telemetry system a first wireless signal from a near field transmission source;

upon receiving the first wireless signal, opening a channel in the implantable telemetry system to communicate using a wireless far field link, the opening performed in response to receiving the first wireless signal;

receiving data on the channel;

closing the channel after a predetermined period;

storing the data in memory of an implantable medical device; and

operating the implantable medical device based on the memory.

37. (Previously Presented) The method of claim 36, wherein the act of receiving a first wireless signal comprises receiving an inductively coupled signal.

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38. (Previously Presented) The method of claim 36, wherein the act of opening a channel comprises powering a radio frequency receiver.
39. (Previously Presented) The method of claim 36, further comprising the act of receiving an update command before operating the implantable medical device based on the memory.
40. (Previously Presented) The method of claim 39, wherein the act of receiving an update command comprises receiving an update command from the near field transmission source.
41. (Previously Presented) A method operating an implantable device, comprising the acts of:
- powering a near field link of an implantable medical device;
 - powering a far field receiver of the implantable medical device according to a duty cycle;
 - transmitting a near field acknowledge signal using the near field link if a near field signal is received; and
 - powering a far field transmitter of the device after having received a far field key signal using the far field receiver during a time when the far field receiver is powered.
42. (Previously Presented) The method of claim 41 further comprising the act of transmitting a far field acknowledge signal using the far field transmitter.
43. (Previously Presented) The method of claim 41 further comprising the act of continuously powering the far field receiver after receiving a suspend duty cycle signal.
44. (Previously Presented) The method of claim 43 wherein the act of receiving the suspend duty cycle signal comprises receiving a near field signal.
45. (Previously Presented) The method of claim 43 wherein the act of receiving the suspend duty cycle signal comprises receiving a far field signal.

46. (Previously Presented) The method of claim 41 wherein the act of powering the near field link comprises continuously powering the near field link.